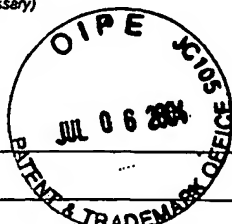


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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 1 of 14

Attorney Docket No: 279.597US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
WB	2001/0000802	05/03/2001	Soykan, O., et al.	623	1.13	12/20/2000
	2001/0016193A1	08/23/2001	Engler, Robert L.	424	93.21	12/19/2000
	2001/0051148A1	12/13/2001	Tremblay, Jacques P.	424	93.1	11/10/1998
	2001/0055590A1	08/06/2001	Kurachi, Kotoku	424	93.21	08/06/2001
	2002/0001577A1	01/03/2002	Haverich, Axel, et al.	424	93.7	01/18/2001
	2002/0012657A1	01/31/2002	Tremblay, Jacques P.	424	93.2	06/09/1999
	2002/0022259A1	02/21/2002	Lee, Ike W., et al.	435	226	01/16/2001
	2002/0026228A1	02/28/2002	Schauerte, P.	607	122	11/30/2000
	2002/0031501A1	03/14/2002	Law, Peter K.	424	93.21	05/31/2002
	2002/0031827A1	03/14/2002	Kanno, Shinichi, et al.	435	446	05/15/2001
	2002/0048800A1	04/25/2002	Gu, Yizhong, et al.	435	183	05/25/2001
	2002/0055530A1	05/09/2002	Neuberger, Timothy J., et al.	514	381	04/06/2001
	2002/0077311A1	06/20/2002	Leiden, Jeffrey, et al.	514	44	09/13/2001
	2002/0098167A1	07/25/2002	Anversa, Piero, et al.	424	93.7	07/31/2001
	2002/0110910A1	08/15/2002	Gwathmey, Judith K., et al.	435	325	11/21/2001
	2002/0124855A1	09/12/2002	Chachques, J. C.	128	898	03/11/2002
	2002/0127210A1	09/12/2002	Mickle, Donald A, et al.	424	93.21	01/29/2002
	2002/0133198A1	09/19/2002	Kramer, A. P., et al.	607	9	11/27/2001
	2002/0142457A1	10/03/2002	Umezawa, Akihiro, et al.	435	366	12/28/2000
	2002/0147172A1	10/10/2002	Podsakoff, Gregory M., et al.	514	44	03/05/2002
	2003/0004403	01/02/2003	Drinan, D., et al.	600	301	10/29/2001
	2003/0060854A1	03/27/2003	Zhu, Qingsheng	607	25	09/25/2001
	2004/0002739A1	01/01/2004	Cates, Adam W., et al.	607	6	06/28/2002
	US-3,692,027	09/19/1972	Ellinwood Jr, E.H.	128	260	04/23/1971
	US-4,003,379	01/18/1977	Ellinwood Jr., E.H.	128	260	09/24/1975
	US-4,146,029	03/27/1979	Ellinwood Jr., E. H.	128	260	05/31/1977
	US-4,202,340	05/13/1980	Langer, A. A., et al.	128	419	02/15/1978
	US-4,271,192	06/02/1981	Wurtman, R., et al.	424	319	02/19/1980
	US-4,281,664	08/04/1981	Duggan, Stephen R.	128	696	05/14/1997
	US-4,299,220	11/10/1981	Dorman, Frank D.	128	260	05/03/1979
	US-4,470,987	09/11/1984	Wurtman, R. J., et al.	424	259	05/18/1981
WB	US-4,544,371	10/01/1985	Dormandy Jr. Ray, et al.	604	891	10/05/1982

EXAMINER

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 2 of 14

Attorney Docket No: 279.597US1

WB	US-4,556,063	12/03/1985	Thompson, D. L., et al.	128	419 PT	12/07/1984
	US-4,559,946	12/24/1985	Mower, M. M.	128	419 D	06/18/1982
	US-4,651,716	03/24/1987	Forester, George et al.	128	1 D	11/01/1985
	US-4,674,518	06/23/1987	Salo, R. W.	128	695	09/06/1985
	US-4,686,987	08/18/1987	Salo, Rodney W., et al.	128	419 PG	03/29/1982
	US-4,693,253	09/15/1987	Adams, T.	128	419 D	03/23/1981
	US-4,787,389	11/29/1988	Tarjan, P. P.	128	419 PG	07/16/1987
	US-4,790,317	12/13/1988	Davies, David	128	419	10/27/1986
	US-4,871,351	10/03/1989	Feingold, Vladimir	604	66	08/26/1987
	US-4,880,005	11/14/1989	Pless, Benjamin D., et al.	128	419 PG	05/23/1988
	US-4,897,987	02/06/1990	Spalla, Pier L.	56	16.7	06/16/1989
	US-4,904,472	02/27/1990	Belardinelli, L., et al.	514	263	04/10/1987
	US-4,924,875	05/15/1990	Chamoun, N. G.	600	509	10/09/1987
	US-4,930,075	05/29/1990	Kortas, R. G.	364	413.06	06/06/1988
	US-4,940,054	07/10/1990	Grevis, R., et al.	128	419 PG	04/29/1988
	US-4,944,299	07/31/1990	Silvian, Sergiu	128	419 PG	08/08/1989
	US-4,949,719	08/21/1990	Pless, B., et al.	128	419	04/26/1989
	US-4,980,379	12/25/1990	Belardinelli, L., et al.	514	821	06/30/1988
	US-4,987,897	01/29/1991	Funke, Hermann D.	128	419 PG	09/18/1989
	US-5,002,052	03/26/1991	Haluska, E. A.	607	4	08/29/1988
	US-5,014,698	05/14/1991	Cohen, T. J.	128	419	10/02/1989
	US-5,040,533	08/20/1991	Fearnot, Neal E.	128	419 PG	12/29/1989
	US-5,041,107	08/20/1991	Heil Jr., R.	604	891.1	10/06/1989
	US-5,042,497	08/27/1991	Shapiand, J.E.	600	509	01/30/1990
	US-5,058,581	10/22/1991	Silvian, S.	128	419 PG	02/20/1990
	US-5,087,243	02/11/1992	Avitall, Boaz	604	20	06/18/1990
	US-5,113,869	05/19/1992	Nappholz, Tibor A., et al.	128	696	08/21/1990
	US-5,127,404	07/07/1992	Wyborny, P. B., et al.	128	419 P	09/25/1991
	US-5,135,004	08/04/1992	Adams, J. M., et al.	128	696	03/12/1991
	US-5,137,019	08/11/1992	Pederson, B. D., et al.	128	419	03/01/1991
	US-5,179,945	01/19/1993	Hofwegen, L. V., et al.	128	419	01/17/1991
	US-5,179,946	01/19/1993	Weiss, Steven M.	128	419 D	11/26/1990
	US-5,184,614	02/09/1993	Collins, Kenneth A., et al.	128	419 PG	10/19/1990
	US-5,188,105	02/23/1993	Keimel, J. G.	128	419	11/14/1990
	US-5,190,035	03/02/1993	Salo, R. W., et al.	128	419	04/17/1986
WB	US-5,193,535	03/16/1993	Bardy, G. H., et al.	128	419 D	08/27/1991

EXAMINER

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete If Known

Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 3 of 14

Attorney Docket No: 279.597US1

WB	US-5,199,428	04/06/1993	Obel, I. P., et al.	128	419 C	03/22/1991
	US-5,215,083	06/01/1993	Drane, G. A., et al.	128	419 D	10/07/1991
	US-5,220,917	06/22/1993	Cammilli, L., et al.	128	419 D	11/16/1990
	US-5,251,621	10/12/1993	Collins, K. A.	607	4	12/18/1991
	US-5,269,301	12/14/1993	Cohen, T. J.	607	6	10/19/1992
	US-5,282,836	02/01/1994	Kreyenhagen, P. E., et al.	607	4	10/23/1992
	US-5,284,136	02/08/1994	Hauck, John A., et al.	607	24	05/13/1991
	US-5,292,338	03/08/1994	Bardy, G. H.	607	5	07/30/1992
	US-5,301,677	04/12/1994	Hsung, J.	128	705	02/06/1992
	US-5,305,745	04/26/1994	Zacouto, F.	600	324	04/02/1992
	US-5,325,856	07/05/1994	Nitzsche, R., et al.	128	703	12/22/1992
	US-5,334,222	08/02/1994	Salo, Rodney W., et al.	607	17	11/03/1992
	US-5,342,408	08/30/1994	deCoriolis, P. E., et al.	607	32	01/07/1993
	US-5,346,506	09/01/1994	Mower, M. M., et al.	607	7	11/10/1992
	US-5,350,406	09/27/1994	Nitzsche, Remi, et al.	607	14	12/22/1992
	US-5,353,800	10/11/1994	Pohndorf, Peter J., et al.	128	673	12/11/1992
	US-5,354,317	10/11/1994	Alt, Eckhart	607	19	04/03/1992
	US-5,366,485	11/22/1994	Kroll, M. W., et al.	607	5	10/27/1992
	US-5,368,028	11/29/1994	Palti, Y.	128	635	06/16/1993
	US-5,379,776	01/10/1995	Murphy, A. J., et al.	128	705	12/01/1993
	US-5,391,190	02/21/1995	Pederson, B. D., et al.	607	23	04/07/1992
	US-5,404,877	04/11/1995	Nolan, J.A., et al.	128	671	05/04/1993
	US-5,405,362	04/11/1995	Kramer, G. C., et al.	607	5	12/20/1993
	US-5,416,695	06/15/1995	Stutman, P. S., et al.	364	413.02	03/09/1993
	US-5,417,717	05/23/1995	Salo, Rodney W., et al.	607	18	05/16/1994
	US-5,431,682	07/11/1995	Hedberg, S. E.	607	5	09/02/1993
	US-5,435,999	07/25/1995	Austin, Lawrence	424	93.1	08/12/1991
	US-5,439,483	08/08/1995	Duong-Van, M.	607	5	10/21/1993
	US-5,441,525	08/15/1995	Shelton, M.B., et al.	607	23	05/20/1994
	US-5,456,692	10/10/1995	Smith Jr, R. E., et al.	607	31	09/03/1993
	US-5,458,619	10/17/1995	Olson, W. H.	607	4	11/29/1993
	US-5,460,605	10/24/1995	Tuttle, Ronald R., et al.	604	67	12/07/1993
✓	US-5,464,434	11/07/1995	Alt, Eckhard	607	6	07/11/1994
	US-5,476,503	12/19/1995	Yang, M.	607	129	03/28/1994
WB	US-5,487,752	01/30/1996	Salo, Rodney W., et al.	607	17	11/15/1994

EXAMINER

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Substitute Disclosure Statement Form (PTO-1449)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Complete If Known</td> </tr> <tr> <td style="width: 50%;">Application Number</td> <td>10/722,115</td> </tr> <tr> <td>Filing Date</td> <td>November 25, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Girouard, Steven</td> </tr> <tr> <td>Group Art Unit</td> <td>1744</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> </table>	Complete If Known		Application Number	10/722,115	Filing Date	November 25, 2003	First Named Inventor	Girouard, Steven	Group Art Unit	1744	Examiner Name	Unknown
Complete If Known													
Application Number	10/722,115												
Filing Date	November 25, 2003												
First Named Inventor	Girouard, Steven												
Group Art Unit	1744												
Examiner Name	Unknown												
Sheet 4 of 14	Attorney Docket No: 279.597US1												

WB	US-5,489,293	02/06/1996	Pless, B. D., et al.	607	5	03/31/1994
	US-5,496,360	03/05/1996	Hoffmann, D. A., et al.	607	120	04/12/1994
	US-5,499,971	03/19/1996	Shapland, J. E., et al.	604	53	12/14/1993
	US-5,500,008	03/19/1996	Fain, E. S.	607	5	03/29/1994
	US-5,501,701	03/26/1996	Markowitz, H. Toby, et al.	607	9	09/20/2094
	US-5,522,853	06/04/1996	Kroll, Mark W.	607	5	11/21/1994
	US-5,531,768	07/02/1996	Alfemess, C. A.	607	6	02/21/1995
	US-5,538,722	07/23/1996	Blau, Helen M., et al.	424	93.21	08/22/1991
	US-5,540,723	07/30/1996	Ideker, Raymond E., et al.	607	7	10/06/1993
	US-5,540,728	07/30/1996	Shelton, M. B., et al.	607	23	09/20/1994
	US-5,545,186	08/13/1996	Olson, W. H., et al.	607	14	03/30/1995
	US-5,545,205	08/13/1996	Schulte, T. J., et al.	607	123	02/09/1995
	US-5,551,953	09/03/1996	Lattin, Gary A., et al.	604	20	10/31/1994
	US-5,556,421	09/17/1996	Prutchi, D., et al.	607	036	02/22/1995
	US-5,562,711	10/08/1996	Yerich, C. G., et al.	607	17	11/30/1994
	US-5,562,713	10/08/1996	Silvian, S.	607	32	01/18/1995
	US-5,579,876	12/03/1996	Adrian, Adolf, et al.	188	322.17	08/25/1995
	US-5,584,868	12/17/1996	Salo, Rodney W., et al.	607	17	07/27/1994
	US-5,586,556	12/24/1996	Spivey, T. R., et al.	600	510	05/11/1995
	US-5,591,215	01/07/1997	Greenhut, S., et al.	607	14	11/17/1995
	US-5,603,331	02/18/1997	Heemels, J. P., et al.	128	696	02/12/1996
	US-5,607,418	03/04/1997	Arzbaecher, R. C.	604	891.1	08/22/1995
	US-5,607,463	03/04/1997	Schwartz, R. S., et al.	623	1.44	03/30/1993
	US-5,632,766	05/27/1997	Hsu, William	607	5	08/11/1995
	US-5,634,899	06/03/1997	Shapland, J. E., et al.	604	51	01/04/1994
	US-5,662,689	09/02/1997	Elsberry, Dennis, et al.	607	5	09/08/1995
	US-5,676,686	10/14/1997	Jensen, D. N., et al.	607	9	04/25/1996
	US-5,681,735	10/28/1997	Emerson, Charles P., et al.	435	325	10/07/1994
	US-5,683,424	11/04/1997	Brown, C. G., et al.	607	5	06/13/1996
	US-5,690,682	11/25/1997	Buscemi, P., et al.	607	3	06/17/1996
	US-5,693,075	12/02/1997	Plicchi, G., et al.	607	17	03/04/1996
	US-5,703,125	12/30/1997	Bovy, P., et al.	128	637	05/31/1995
	US-5,706,829	01/13/1998	Kadri, Nazih N.	128	898	06/06/1996
	US-5,709,215	01/20/1998	Perttu, J. S., et al.	128	708	09/06/1995
↓	US-5,720,770	02/24/1998	Nappholz, Tibor A., et al.	607	30	10/06/1995
WB	US-5,725,561	03/10/1998	Stroebe, John C., et al.	607	9	06/09/1995

EXAMINER /William Beisner/

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Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 5 of 14

Attorney Docket No: 279.597US1

WB	US-5,725,562	03/10/1998	Sheldon, Todd J.	607	19	06/28/1996
	US-5,730,125	03/24/1998	Prutchi, D., et al.	128	637	09/11/1996
	US-5,730,141	03/24/1998	Fain, Eric S., et al.	128	705	06/07/1996
	US-5,733,727	03/31/1998	Field, Loren J.	435	6	06/07/1995
	US-5,749,900	05/12/1998	Schroeppel, Edward A., et al.	607	4	12/11/1995
	US-5,772,604	06/30/1998	Langberg, Jonathan J., et al.	600	518	03/14/1997
	US-5,782,876	07/21/1998	Flammang, D.	607	4	04/15/1996
	US-5,782,879	07/21/1998	Rosborough, J. P., et al.	607	6	06/02/1995
	US-5,797,967	08/25/1998	KenKnight, B. H.	607	4	09/27/1996
	US-5,800,464	09/01/1998	Kieval, Robert S.	607	9	10/03/1996
	US-5,800,498	09/01/1998	Obino, S. F., et al.	607	123	04/26/1996
	US-5,814,081	09/29/1998	Ayers, Gregory M., et al.	607	5	04/07/1997
	US-5,817,131	10/06/1998	Elsberry, D. D., et al.	607	5	03/07/1997
	US-5,833,603	11/10/1998	Kovacs, G.T., et al.	600	317	03/13/1996
	US-5,833,978	11/10/1998	Tremblay, Jacques P.	424	93.7	03/16/1995
	US-5,836,935	11/17/1998	Ashton, Paul, et al.	604	891.1	01/28/1997
	US-5,874,420	02/23/1999	Pelleg, Amir	514	81	12/02/1996
	US-5,876,353	03/02/1999	Riff, Kenneth M.	600	547	01/31/1997
	US-5,879,295	03/09/1999	Li, , et al.	600	373	04/02/1997
	US-5,885,797	08/27/1996	Chen, CM A., et al.	435	69.1	08/27/1996
	US-5,893,881	04/13/1999	Elsberry, D. D., et al.	607	5	08/29/1997
	US-5,899,928	05/04/1999	Sholder, Jason A., et al.	607	27	05/06/1997
	US-5,913,879	06/22/1999	Ferek-Petric, B., et al.	607	14	05/08/1996
	US-5,914,242	06/22/1999	Honkanen, Richard E., et al.	435	7.71	10/01/1997
	US-5,916,239	06/29/1999	Geddes, Leslie A., et al.	607	14	11/24/1997
	US-5,919,210	07/06/1999	Lurie, K. G., et al.	607	3	04/10/1997
	US-5,925,066	07/20/1999	Kroll, Kai, et al.	607	3	09/15/1997
	US-5,928,943	07/27/1999	Franz, Wolfgang-Michael, et al.	435	363	08/22/1997
	US-5,945,577	08/31/1999	Stice, Steven L., et al.	800	24	01/10/1997
	US-5,949,659	09/07/1999	Lesche, Wolfgang	363	16	05/24/1996
↓	US-5,957,861	09/28/1999	Combs, William J., et al.	600	547	01/31/1997
WB	US-5,957,957	09/28/1999	Sheldon, T. J.	607	17	06/17/1997

EXAMINER

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Application Number	10/722,115
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First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 6 of 14

Attorney Docket No: 279.597US1

WB	US-5,967,986	10/19/1999	Cimochowski, G. E., et al.	600	454	11/25/1997
	US-5,968,079	10/19/1999	Warman, Eduardo N., et al.	607	5	03/18/1998
	US-5,978,705	11/02/1999	KenKnight, B. , et al.	607	5	03/13/1998
	US-5,991,660	11/23/1999	Goyal, R.	607	14	06/09/1998
	US-5,991,668	11/23/1999	Leinders, R. , et al.	607	125	09/25/1997
	US-6,016,447	01/18/2000	Juran, Carleen J., et al.	607	27	10/27/1998
	US-6,016,448	01/18/2000	Busacker, James, et al.	607	29	10/27/1998
	US-6,021,350	02/01/2000	Mathson, G.	607	17	03/26/1998
	US-6,022,322	02/08/2000	Prutchi, David	600	506	02/06/1998
	US-6,035,233	03/07/2000	Schroepfel, Edward A., et al.	600	515	01/09/2008
	US-6,044,297	03/28/2000	Sheldon, Todd J., et al.	607	17	09/25/1998
	US-6,049,735	04/11/2000	Hartley, Jesse J. , et al.	607	9	03/01/1999
	US-6,076,015	06/13/2000	Hartley, J. W., et al.	607	20	02/27/1998
	US-6,078,834	06/20/2000	Lurie, Keith, et al.	607	3	02/25/1999
	US-6,099,832	08/08/2000	Mickle, Donald A., et al.	424	93.21	06/19/1998
	US-6,100,242	08/08/2000	Hammond, H K.	514	44	12/29/1997
	US-6,104,949	08/15/2000	Pitts Crick, J. et al.	600	547	09/09/1998
	US-6,112,117	08/29/2000	KenKnight, B. H., et al.	607	5	05/06/1997
	US-6,115,636	09/05/2000	Ryan, T. G.	607	60	12/22/1998
	US-6,128,526	10/03/2000	Stadler, R. , et al.	600	517	03/29/1999
	US-6,135,976	10/24/2000	Tachibana, Cozier , et al.	604	21	09/25/1998
	US-6,140,740	10/31/2000	Porat, Y. , et al.	310	322	12/30/1997
	US-6,154,672	11/28/2000	Pendekanti, Rajesh , et al.	607	5	12/14/1998
	US-6,154,675	11/28/2000	Juran, C. J., et al.	607	29	10/27/1998
	US-6,155,267	12/05/2000	Nelson, T. R.	128	899	12/31/1998
	US-6,161,042	12/12/2000	Hartley, J. W., et al.	607	20	05/21/1999
	US-6,168,801	01/02/2001	Heil, Jr., Ronald W., et al.	424	426	03/19/1999
	US-6,174,871	01/16/2001	Hammond, H K., et al.	514	44	08/10/1998
↓	US-6,198,394	03/06/2001	Jacobsen, S. C., et al.	340	573.1	12/05/1996
WB	US-6,200,265	03/13/2001	Walsh, K. K., et al.	600	300	04/16/1999

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

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WB	US-6,203,495	03/20/2001	Bardy, Gust H.	600	301	07/26/1999
	US-6,206,914	03/27/2001	Soykan, Orban, et al.	623	1.42	08/31/1998
	US-6,207,451	03/27/2001	Dennis, Robert G., et al.	435	325	09/15/1998
	US-6,213,942	04/10/2001	Flach, T. E., et al.	600	300	05/20/1999
	US-6,221,011	04/24/2001	Bardy, Gust H.	600	300	07/26/1999
	US-6,224,566	05/01/2001	Loeb, Marvin P.	604	22	05/04/1999
	US-6,231,516	05/15/2001	Keilman, G. W., et al.	600	485	02/23/1998
	US-6,235,970	05/22/2001	Stice, Steven L., et al.	800	24	09/22/1997
	US-6,237,398	05/29/2001	Porat, Y., et al.	73	54.09	09/29/1998
	US-6,251,125	06/26/2001	KenKnight, Bruce, et al.	607	5	04/01/1998
	US-6,254,573	07/03/2001	Haim, S. B., et al.	604	157	08/26/1999
	US-6,256,233	07/03/2001	Glass, Richard J.	365	189.05	06/07/1995
	US-6,261,230	07/17/2001	Bardy, Gust H.	600	300	12/31/1999
	US-6,266,554	07/24/2001	Hsu, William, et al.	600	515	02/12/1999
	US-6,270,457	08/07/2001	Bardy, Gust H.	600	300	12/31/1999
	US-6,273,377	08/07/2001	Sweeney, Robert J., et al.	600	515	10/01/1999
	US-6,277,072	08/21/2001	Bardy, Gust H.	600	300	10/10/2000
	US-6,277,078	08/21/2001	Porat, Y., et al.	600	486	11/19/1999
	US-6,278,894	08/21/2001	Salo, Rodney W., et al.	600	547	06/21/1999
	US-6,280,380	08/28/2001	Bardy, Gust H.	600	300	12/31/1999
	US-6,284,242	09/04/2001	Kurachi, Kotoku	424	93.21	04/16/1999
	US-6,298,267	10/02/2001	Rosborough, J. P., et al.	607	6	03/07/1900
	US-6,298,272	10/02/2001	Peterfeso, Randall M., et al.	607	120	03/29/1999
	US-6,306,830	10/23/2001	Hammond, H K., et al.	514	44	01/16/1998
	US-6,309,370	10/30/2001	Haim, S. B., et al.	604	66	02/05/1998
	US-6,312,378	11/06/2001	Bardy, Gust H.	600	300	06/03/1999
	US-6,316,419	11/13/2001	Leiden, Jeffrey M., et al.	514	44	08/12/1997
	US-6,317,631	11/13/2001	Ben-Haim, S., et al.	607	9	01/08/1997
	US-6,331,160	12/18/2001	Bardy, Gust H.	600	300	10/10/2000
	US-6,336,903	01/08/2002	Bardy, G. H.	600	508	11/16/1999
	US-6,358,202	03/19/2003	Arent, M.	600	300	01/14/2000
	US-6,358,203	03/19/2002	Bardy, Gust H.	600	300	02/20/2001
WB	US-6,361,522	03/26/2002	Scheiner, Avram, et al.	604	67	10/21/1999

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	Application Number	10/722,115
	Filing Date	November 25, 2003
	First Named Inventor	Girouard, Steven
	Group Art Unit	1744
	Examiner Name	Unknown
Sheet 8 of 14	Attorney Docket No: 279.597US1	

WB	US-6,361,780	03/26/2002	Ley, Gregory R., et al.	424	400	11/12/1998
	US-6,368,284	04/09/2002	Bardy, Gust H.	600	508	11/16/1999
	US-6,370,424	04/09/2002	Prutchi, David	600	547	12/14/1999
	US-6,387,369	05/14/2002	Pittenger, Mark F., et al.	424	93.7	03/27/2000
	US-6,398,728	06/04/2002	Bardy, Gust H.	600	300	11/16/1999
	US-6,399,300	06/04/2002	Field, Loren J.	435	6	11/16/1999
	US-6,410,236	06/25/2002	Metzger, Joseph M.	435	6	09/01/1999
	US-6,411,840	06/25/2002	Bardy, Gust H.	600	513	11/16/1999
	US-6,411,844	06/25/2002	Kroll, M. W., et al.	607	5	10/19/1999
	US-6,424,847	07/23/2002	Mastrototaro, J. J., et al.	600	316	02/23/2000
	US-6,436,907	08/20/2002	Leiden, Jeffrey M., et al.	514	44	11/05/1998
	US-6,438,419	08/20/2002	Callaway, Clifton, et al.	607	5	09/28/2000
	US-6,440,066	08/27/2002	Bardy, Gust H.	600	300	11/16/1999
	US-6,442,413	08/27/2002	Silver, J. H.	600	345	05/15/2000
	US-6,443,949	09/03/2002	Altman, P. A.	606	41	10/23/1998
	US-6,451,594	07/19/2002	Chien, Kenneth R., et al.	435	320	09/10/1999
	US-6,453,195	09/17/2002	Thompson, David L.	607	3	03/19/2001
	US-6,459,917	10/01/2002	Gowda, A., et al.	600	345	05/22/2000
	US-6,459,929	10/01/2002	Hopper, Donald, et al.	600	513	04/12/2000
	US-6,468,263	10/22/2002	Fischell, R. E., et al.	604	890.1	05/21/2001
	US-6,473,640	10/29/2002	Erlebacher, Jay	600	547	01/20/2000
	US-6,478,737	11/12/2002	Bardy, Gust H.	600	301	05/18/2001
	US-6,501,983	12/31/2002	Natarajan, A., et al.	600	517	08/06/1999
	US-6,511,477	01/28/2003	Altman, P. A., et al.	606	41	09/28/1999
	US-6,518,245	02/11/2003	Anderson, M. E., et al.	514	14	01/30/1998
	US-6,539,256	03/25/2003	KenKnight, Bruce H., et al.	607	5	07/06/2000
	US-6,604,000	08/05/2003	Lu, R.	607	17	12/08/2000
↓	US-6,689,117	02/10/2004	Sweeney, Robert J., et al.	604	503	12/18/2000
WB	US-Re., 35,779	04/01/1998	Alferness, et al.	607	5	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
WB	EP-0054138	10/22/1981	Vogel, H., et al.	C08F	210/02	

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Group Art Unit	1744
Examiner Name	Unknown

Sheet 9 of 14

Attorney Docket No: 279.597US1

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
WB	EP-0347708	12/27/1989	Shapland, J. E., et al.	A61B	5/02	
	EP-0467695A2	01/22/1992	Collins, K. A., et al.	A61N	1/362	
	EP-0545628A2	06/09/1993	Potocki, J. C.	A61N	1/365	
	EP-0550343	07/07/1993	Nitzsche, Remi, et al.	A61N	1/38	
	EP-0550344	07/07/1993	Nitzsche, Remi, et al.	A61N	1/39	
	EP-0620420	10/19/1994	Strandberg, H	G01F	1/56	
	EP-0674916	10/04/1995	Pless, Benjamin D., et al.	A61N	1/365	
	EP-1050265	11/08/2000	Vantassel, R. A., et al.	A61B	5/00	
	EP-1142607A2	10/10/2001	Heenen, H. G., et al.	A61N	1/368	
	WO-00/07497A1	02/17/2000	Ananth, N., et al.	A61B	5/04	
	WO-00/17326	03/30/2000	Eisenberg, Carol A., et al.	C12B	5/06	
	WO-02/04063A1	01/17/2002	Geis, John S., et al.	A61M	29/00	
	WO-02/05866A2	01/24/2002	Leonhardt, Howard J., et al.	A61M		
	WO-02/070065A2	09/12/2002	Donovan, M. G., et al.	A61N	1/36	
	WO-02/49669A2	06/27/2002	Schu, C. A., et al.	A61K	41/00	
	WO-93/20888	10/28/1993	Mader, Steven J., et al.	A61N	1/365	
	WO-96/32984	10/24/1996	Alt, Eckhard, et al.	A61N	1/39	
	WO-96/40195	12/19/1996	Giordano, Frank J., et al.	A61K	38/00	
	WO-97/06854	02/27/1997	Hsu, William, et al.	A61N	1/39	
	WO-97/33513	09/18/1997	Knapp, Terry, et al.	A61B	5/00	
WB	WO-98/34537A1	08/13/1998	Ekwall, C., et al.	A61B	5/0205	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WB		ARNAUD, CLAIRE, et al., "iNOS is a mediator of the heat stress-induced preconditioning against myocardial infarction in vivo in the rat", <u>Cardiovascular Research</u> , 58, (2003), 118-125	
		ASKARI, ARMAN T., et al., "Targeted Gene Therapy for the Treatment of Cardiac Dysfunction", <u>Seminars in Thoracic and Cardiovascular Surgery</u> , Vol. 14, No. 2, (April 2002), pgs. 167-177	
		BARDONE, ALESSANDRO, et al., "Comparison of Right and Left Ventricular Responses to Left Ventricular Assist Device Support in Patients with Severe Heart Failure: A Primary Role of Mechanical Unloading Underlying Reverse Remodeling", <u>Circulation</u> , (2001), pgs. 670-675	
		BOHELER, KENNETH R., et al., "Differentiation of Pluripotent Embryonic Stem Cells into Cardiomyocytes", <u>Circ Res.</u> , Vol. 91, (2002), pgs. 189-201	
WB		BRUNNER, FRIEDRICH, et al., "Attenuation of myocardial ischemia/reperfusion injury in mice with myocyte-specific overexpression of endothelial nitric oxide synthase", <u>Cardiovascular Research</u> , 57, (2003), 55-62	

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Substitute Disclosure Statement Form (PTO-1449)

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Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 10 of 14

Attorney Docket No: 279.597US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WB		CONDORELLI, G , et al., "Cardiomyocytes Induce Endothelial Cells to Trans-Differentiate into Cardiac Muscle: Implications for Myocardium Regeneration", <u>Proc Natl Acad Sci</u> , Vol. 98, No. 19, (September 11, 2001),pgs. 10733-10738	
		DEPRE, CHRISTOPHE , et al., "Metabolic Aspects of Programmed Cell Survival and Cell Death in The Heart", <u>Cardiovascular Research</u> Vol. 45,, (2000),pgs. 538-548	
		FERDINANDY, PETER , et al., "Nitric oxide, superoxide, and peroxynitrite in myocardial ischaemia-reperfusion injury and preconditioning", <u>British Journal of Pharmacology</u> , Vol. 138, No. 4, (2003),532-543	
		FLOGEL, ULRICH , et al., "Myoglobin: A scavenger of bioactive NO", <u>PNAS</u> , Vol. 98, No. 2, (01/16/2001),735-740	
		FREEDMAN, SAUL B., et al., "Therapeutic Angiogenesis for Ischemic Cardiovascular Disease", <u>J. Mol Cell Cardiol.</u> , Vol. 33,, (2001),pgs. 379-393	
		GEWALTIG, MICHAEL T., et al., "Vasoprotection ny nitric oxide: mechanisms and therapeutic potential", <u>Cardiovascular Research</u> , 55, (02/14/2002),250-260	
		GRAHAM, REGINA M., et al., "Gene and Cell Therapy for Heart Disease", <u>IUBMB Life</u> , Vol. 54,, (2002),pgs. 59-66	
		HADA, YOSHIYUKI , et al., "Pulsus alternans determined by biventricular simultaneous systolic time intervals", <u>Circulation</u> , Vol. 65, No. 3, (March 1982),617-26	
		HAKUNO, DAIHIKO , et al., "Bone Marrow-Derived Regenerated Cardiomyocytes (CMG Cells) Express Functional Adrenergic and Muscarinic Receptors", <u>Circulation</u> ; 105,, (2002),pgs. 380-386	
		HARJAI, KISHORE J., et al., "Therapeutic Angiogenesis: a Fantastic New Adventure", <u>Journal of Interventional Cardiology</u> , Vol. 15, No. 3,, (2002),pgs. 223-229	
		HEERDT, PAUL M., et al., "Chronic Unloading By Left Ventricular Assist Device Reverses Contractile Dysfunction and Alters Gene Expression in End-Stage Heart Failure", <u>Circulation</u> , 102,, (2000),pgs. 2713-2719	
		HSIA, PENG W., et al., "Absolute Depolarization Vector Characteristics Associated with Successful Defibrillation: Evidence of a Vulnerable Period During Ventricular Fibrillation", <u>Circulation</u> , 82 (4), Supplement III, Abstracts, Abstract No. 2933,(October 1990),III-738	
		HSIA, PENG W., et al., "Genesis of Sigmoidal Dose-Response Curve During Defibrillation by Random Shock: A Theoretical Model Based on Experimental Evidence for a Vulnerable Window During Ventricular Fibrillation", <u>Pace</u> , 13, NASPE Young Investigator Awardee-1990,(Oct. 1990),pp. 1326-1342	
		HSIA, PENG W., et al., "Improved Nonthoractomy Defibrillation Based on Ventricular Fibrillation Waveform Characteristics", <u>PACE</u> , 18 - NASPE Abstracts, Abstract No. 29,(April 1995),p. 803	
WB		HSU, WILLIAM , et al., "Effect of Shock Timing on Defibrillation Success", <u>Pace</u> ,	

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Application Number	10/722,115
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First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 11 of 14

Attorney Docket No: 279.597US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WB		20, Part II,(1997),pp. 153-157	
		ISNER, JEFFREY M., "Myocardial Gene Therapy", <u>Nature</u> , Vol. 415., (January 10, 2002),	
		JACKSON, KATHYJO A., et al., "Regeneration of Ischemic Cardiac Muscle and Vascular Endothelium By Adult Stem Cells", <u>The Journal of Clinical Investigation</u> , Vol. 107, No. 11., (June 2001),pgs. 1395-1402	
		JAIN, MOHIT , et al., "Cell Therapy Attenuates Deleterious Ventricular Remodeling and Improves Cardiac Performance After Myocardial Infarction", <u>Circulation</u> ., (2001),pgs. 1920-1927	
		JONES, DOUGLAS L., et al., "Ventricular Fibrillation: The Importance of Being Coarse?", <u>Journal of Electrocardiology</u> , 17 (4), (1984),pp. 393-399	
		KEHAT, IZHAK , et al., "Human Embryonic stem Cells Can Differentiate into Myocytes with Structural and Functional Properties of Cardiomyocytes", <u>The Journal of Clinical Investigation</u> , Vol. 108, No. 3., (August 2001),pgs. 363-364	
		KOCHER, A A., et al., "Neovascularization of Ischemic Myocardium by Human Bone-Marrow-Derived Angioblasts Prevents Cardiomyocyte Apoptosis, Reduces Remodeling and Improves Cardiac Function", <u>Nature Medicine</u> , Vol. 7, No. 4., (April 2001),pgs. 430-436	
		KOMURO, ISSEI , et al., "Control of Cardiac Gene Expression by Mechanical Stress", <u>Annu Rev Physiol</u> ., (1993),pgs 55-75	
		KONTA, TSUYOSHI , et al., "Significance of Discordant ST Alternans in Ventricular Fibrillation", <u>Circulation</u> , Vol. 82, No. 6, December 1990, American Heart Association,(1990),2185-2189	
		KUELZ, KATHY W., et al., "Integration of Absolute Ventricular Fibrillation Voltage Correlates with Successful Defibrillation", <u>IEEE Transactions on Biomedical Engineering</u> , 41 (8), (Aug. 1994),pp. 782-791	
		LAHAM, ROGER J., et al., "Gene Transfer to Induce Angiogenesis in Myocardial and Limb Ischaemia", <u>Expert Opin Biol Ther.</u> , 1(6), (2001),pgs. 985-994	
		LEE, Y. C. , et al., "Pulsus alternans in patients with congestive cardiomyopathy", <u>Circulation</u> , Vol. 65, No. 7, (June 1982),1533-4	
		LI, QIANGHONG , et al., "Gene Therapy With Inducible Nitric Oxide Synthase Protects Against Myocardial Infarction via a Cyclooxygenase-2-Dependent Mechanism", <u>Circulation Research</u> , 92, (2003),741-748	
		LODIE, TRACEY A., et al., "Systematic Analysis of Reportedly Distinct Populations of Multipotent Bone Marrow-Derived Stem Cells Reveals a Lack of Distinction", <u>Tissue Engineering</u> , Volume 8, No. 5., (2002),pgs. 739-751	
↓		LOSORDO, DOUGLAS W., et al., "Gene Therapy for Myocardial Angiogenesis", <u>Am Heart J.</u> , Vol. 138., (1999),pgs. S132-S141	
WB		LOVETT, ERIC G., "Technique for Discriminating Between Coordinated and Uncoordinated Cardiac Rhythms", <u>Application Serial No. 10/435,487</u> , filed May	

EXAMINER

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Complete if Known</td> </tr> <tr> <td style="width: 40%;">Application Number</td> <td>10/722,115</td> </tr> <tr> <td>Filing Date</td> <td>November 25, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Girouard, Steven</td> </tr> <tr> <td>Group Art Unit</td> <td>1744</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> </table>	Complete if Known		Application Number	10/722,115	Filing Date	November 25, 2003	First Named Inventor	Girouard, Steven	Group Art Unit	1744	Examiner Name	Unknown
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Application Number	10/722,115												
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First Named Inventor	Girouard, Steven												
Group Art Unit	1744												
Examiner Name	Unknown												
Sheet 12 of 14	Attorney Docket No: 279.597US1												

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume+issue number(s), publisher, city and/or country where published.	T ²
WB		9, 2003, SLWK Docket No. 279.255US2, assigned to Cardiac Pacemakers, Inc.,(05/09/2003),36 pgs.	
		LUEPKER, R. V., et al., "Transthoracic Electrical Impedance: Quantitative Evaluation of a Non-Invasive Measure of Thoracic Fluid Volume", <u>American Heart Journal</u> , Vol. 85, No. 1,(January 1973),83 - 93	
		MAI, J. , et al., "Enhanced Rate Response Algorithm for Orthostatic Compensation Pacing", <u>Pace</u> , 23, Naspe Abstracts, Abstract No. 678,(April 2000),p. 722	
		MANN, BRENDA K., et al., "Tissue Engineering in the Cardiovascular System: Progress Toward a Tissue Engineered Heart", <u>Anat Rec.</u> 263,, (2001),pgs. 367-371	
		MENASCHE, PHILIPPE , "Cell Therapy of Heart Failure", <u>CR Biologies</u> , Vol. 325,, (2002),pgs. 731-738	
		MIN, MART , et al., "Electrical Impedance and Cardiac Monitoring-Technology, Potential and Applications", <u>International Journal of Bioelectromagnetism</u> , 5, (2003),53-56	
		MIYAGAWA, SHIGERU , et al., "Myocardial Regeneration Therapy for Heart Failure: Hepatocyte Growth Factor Enhances The Effect of Cellular Cardiomyoplasty", <u>Circulation</u> , Vol. 105,, (2002),pgs. 2556-2561	
		MOWER, MORTON M., et al., "Synchronization of Low-Energy Pulses to Rapid Deflection Signals as a Possible Mechanism of Subthreshold Ventricular Defibrillation", <u>Abstracts of the 55th Scientific Sessions</u> , Abstract No. 298,(1982),p. II-75	
		NEMER, GEORGES , et al., "Regulation of Heart Development and Function Through Combinatorial Interactions of Transcription Factors", <u>The Finnish Medical Society Duodecim, Ann Med</u> , Vol 33,, (2001),pgs. 604-610	
		ORLIC, DONALD , et al., "Bone Marrow Cells Regenerate Infarcted Myocardium", <u>Nature</u> , Vol 410,, (April 5, 2001),pgs. 701-705	
		OSTADAL, PETR , et al., "The effect of early treatment by cerivastatin on the serum level of C-reactive protein, interleukin-6, and interleukin-8 in patients with unstable angina and non-Q-wave myocardial infarction", <u>Molecular and Cellular Biochemistry</u> , 246, (2003),45-50	
		PAOLOCCI, NAZARENO , et al., "Positive inotropic and lusitropic effects of HNO/NO- in failing hearts: Independence from beta-adrenergic signaling", <u>Proceedings of the National Academy of Sciences</u> , Vol. 100, No. 9, (April 29, 2003),5537-5542	
WB		PASTORE, JOSEPH M., "Method And Apparatus For Modulating Cellular Metabolism During Post-Ischemia Or Heart Failure", <u>Application Serial No. 10/645.823</u> , Filed August 21, 1003 Attorney Docket No. 279.606US1, 46 pages	
		PASUMARTHI, KISHORE B., et al., "Cardiomyocyte Cell Cycle Regulation", <u>Circ</u>	

EXAMINER /William Beisner/

DATE CONSIDERED 09/22/2006

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Application Number	10/722,115
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WB		Res., Vol. 90,, (2002),pgs. 1044-1054	
		PIMENTEL, RHEA C., et al., "Autocrine Regulation of Myocyte Cx43 Expression by VEGF", <u>Circ Res.</u> , 90:, (2002),pgs. 671-677	
		POUZET, BRUNO , et al., "Intramyocardial Transplantation of Autologous Myoblasts: Can Tissue Processing Be Optimized?", <u>Circulation</u> , Vol. 102,, (2000),pgs. III-210III-215	
		PRINZEN, FRITS W., et al., "Mapping of Regional Myocardial Strain and Work During Ventricular Pacing: Experimental Study Using Magnetic Resonance Imaging Tagging", <u>Journal of American College of Cardiology</u> , Vol. 33, No. 6,, (1999),pgs. 1735-1742	
		REINECKE, HANS , et al., "Survival, Integration, and Differentiation of Cardiomyocyte Grafts: a Study in Normal and Injured Rat Hearts", <u>Circulation</u> , (1999),pgs. 193-202	
		ROBBINS, JEFFREY , "Remodeling the Cardiac Sarcomere Using Transgenesis", <u>Annu Rev Physiol.</u> , Vol. 62,, (2000),pgs. 261-287	
		ROSBOROUGH, JOHN P., et al., "Electrical Therapy for Pulseless Electrical Activity", <u>NASPE</u> , April 2000, v. 23, No. 4, Part II., Abstract,(2000),591	
		RUBENSTEIN, DONALD S., et al., "Premature Beats Elicit a Phase Reversal of Mechanoelectrical Alternans in Cat Ventricular Myocytes", <u>Circulation</u> , Vol. 91, No. 1, January 1995, American Heart Association,(January 1, 1995),201-214	
		SALLOUM, FADI , et al., "Sildenafil Induces Delayed Preconditioning Through Inducible Nitric Oxide Synthase-Dependent Pathway in Mouse Heart", <u>Circulation Research</u> , 92, (April 2003),595-597	
		SCHAEFER, SAUL , et al., "Clinical and hemodynamic characteristics of patients with inducible pulsus alternans", <u>American Heart Journal</u> , Vol. 115, No. 6, (June 1988),1251-7	
		SMITH, DAMON , et al., "Influence of the Aortic Component of the Second Heart Sound on Left Ventricular Maximal Negative dP/dt in the Dog", <u>Am. J. Cardiol.</u> , 55: 205, (1985),205-209	
		SUEMATSU, YOSHIHIRO , et al., "L-Arginine given after ischaemic preconditioning can enhance cardioprotection in isolated rat hearts", <u>European Journal of Cardio-thoracic Surgery</u> , 19, (2001),873-879	
		SUZUKI, KEN , et al., "Cell Transplantation for the Treatment of Acute Myocardial Infarction Using Vascular Endothelial Growth Factor-Expressing Skeletal Myoblasts", <u>Circulation</u> , 104[suppl II], (2001),pgs I207-I212	
		TAYLOR, DORIS A., et al., "Regenerating Functional Myocardium: Improved Performance after Skeletal Myoblast Transplantation", <u>Nature Medicine</u> , Vol. 4, No. 8,, (August 1998),pgs. 929-933	
WB		TERRACIO, LOUIS , et al., "Effects of Cyclic Mechanical Stimulation of the	

EXAMINER

/William Beisner/

DATE CONSIDERED 09/22/2006

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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WB		Cellular Components of the Heart: In Vitro., <u>In Vitro Cellular & Developmental Biology</u> , Vol 24, Number 1., (January 1988),pgs. 53-58	
		WASHIZU, MASAO , et al., "Handling Biological Cells Using a Fluid Integrated Circuit", <u>IEEE Transactionson Industry Applications</u> , Vol 26, No. 2, (March/April 1990),pgs. 352-358	
		WOBUS, ANNA M., et al., "Embryonic Stem CellDerived Cardiac Differentiation: Modulation of Differentiation and "Loss-of-Function" Analysis In Vitro", <u>TCM</u> , Vol. 8, No. 2, (1998),pgs. 64-74	
		WOLDBAEK, PER R., et al., "Increased cardiac IL-18 mRNA, pro-IL-18 and plasma IL-18 after myocardial infarction in the mouse; a potential role in cardiac dysfunction", <u>Cardiovascular Research</u> , 59, (2003),122-131	
		WOLFRUM, SEBASTIAN , et al., "Acute Reduction of Myocardial Infarct Size By a Hydroxymethyl Glutaryl Coenzyme A Reductase Inhibitor Is Mediated By Endothelial Nitric Oxide Synthase", <u>J. Cardiovas Pharmacol</u> , Vol. 41, No. 3, (March 2003),474-480	
		WUNDERLICH, CARSTEN , et al., "Acute Inhibition of Myoglobin Impairs Contractility and Energy State of iNOS-Overexpressing Hearts", <u>Circulation Research</u> , 92, (2003),1352-1358	
		XU, CHUNHUI , et al., "Characterization and Enrichment of Cardiomyocytes Derived from Human Embryonic Stem Cells", <u>Circ Res.</u> , Vol. 91., (2002),pgs. 501-508	
		ZHUANG, JIANPING , et al., "Pulsatile Stretch Remodels Cell-to-Cell Communication in Cultured Myocytes", <u>Circ Res.</u> , 87., (2000),pgs. 316-322	
WB		ZIMMERMANN, WH , et al., "Tissue Engineering of a Differentiated Cardiac Muscle Construct", <u>Circ Res.</u> , Vol. 90., (2002),pgs. 223-230	

EXAMINER

/William Beisner/

DATE CONSIDERED

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Substitute Disclosure Statement Form (PTO-1449)

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First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 1 of 3

Attorney Docket No: 279.597US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
WB	US-2002/0115208 A1	08/22/2002	Mitchell, Shannon, et al.	08/16/2001
	US-2003/0065379 A1	04/03/2003	Babbs, Charles F., et al.	11/04/2002
	US-2003/0216811 A1	11/20/2003	Badylak, Stephen F.	05/02/2003
	US-2003/0216812 A1	11/20/2003	Badylak, Stephen F.	05/02/2003
	US-2004/0006395 A1	01/08/2004	Badylak, Stephen F.	05/02/2003
	US-2004/0043006 A1	03/04/2004	Badylak, Stephen F., et al.	08/27/2002
	US-2004/0047909 A1	03/11/2004	Ragheb, Anthony O., et al.	04/14/2003
	US-2004/0158290 A1	08/12/2004	Girouard, S. D.	11/25/2003
	US-4,902,508	02/20/1990	Badylak, Stephen F., et al.	07/11/1988
	US-5,275,826	01/04/1994	Badylak, Stephen F., et al.	11/13/1992
	US-5,336,252	08/09/1994	Cohen, D. M.	06/22/1992
	US-5,352,483	10/04/1994	Badylak, Stephen F., et al.	11/13/1992
	US-5,554,389	09/10/1996	Badylak, Stephen F., et al.	04/07/1995
	US-5,609,629	03/11/1997	Fearnott, Neal E., et al.	06/07/1995
	US-5,824,049	10/20/1998	Ragheb, Anthony O., et al.	10/31/1996
	US-6,050,980	04/18/2000	Wilson, Joseph E.	08/03/1998
	US-6,096,347	08/01/2000	Geddes, Leslie A., et al.	05/04/1999
	US-6,272,377	08/07/2001	Sweeney, R. J., et al.	10/01/1999
	US-6,287,285	09/11/2001	Michal, Eugene T., et al.	01/29/1999
	US-6,475,232	11/05/2002	Babbs, Charles F., et al.	06/10/1999
	US-6,541,116	04/01/2003	Michal, Eugene T., et al.	04/06/2001
	US-6,653,291	11/25/2003	Badylak, Stephen F., et al.	02/17/1995
	US-6,656,517	12/02/2003	Michal, Eugene T.	07/25/2001
WB	US-6,735,471	05/11/2004	Hill, M. R., et al.	09/26/2001

EXAMINER

/William Beisner/

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
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	First Named Inventor	Girouard, Steven
	Group Art Unit	1744
	Examiner Name	Unknown
Sheet 2 of 3	Attorney Docket No: 279.597US1	

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
WB	EP-0633031A1	01/11/1995	Vaschon, David	
	WO-98/02150A1	01/22/1998	Stokes, K., et al.	
	WO-98/15317A1	04/16/1998	Prutchi, D., et al.	
	WO-00/27466A1	05/18/2000	Conrad-Vlasak, D., et al.	
	WO-00/54661A1	09/21/2000	Saadat, V.	
	WO-00/74584A1	12/14/2000	No Inventor Listed	
	WO-01/03750A2	01/18/2001	Naughton, Gail K., et al.	
	WO-2004/024206A1	03/25/2004	New, Gishel, et al.	
	WO-2004/030706A2	04/15/2004	Law, Peter K.	
WB	WO-2004/050180A2	06/17/2004	Girouard, S. D., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
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WB		ALLMAN, AMY J., et al., "Xenogeneic Extracellular Matrix Grafts Elicit a TH2-Restricted Immune Response", <u>Transplantation</u> , 71(11), (June 15, 2001), 1631-40	
		BADYLAK, STEPHEN, et al., "Extracellular Matrix for Myocardial Repair", <u>Heart Surgery Forum</u> , 6(2), (2003), E20-6	
		BADYLAK, STEPHEN F., et al., "Marrow-Derived Cells Populate Scaffolds Composed of Xenogeneic Extracellular Matrix", <u>Experimental Hematology</u> , 29(11), (November 2001), 1310-8	
		BADYLAK, STEPHEN F., et al., "Resorbable Bioscaffold for Esophageal Repair in a Dog Model", <u>Journal of Pediatric Surgery</u> , 35(7), (July 2000), 1097-1103	
		BADYLAK, STEPHEN F., "The Extracellular Matrix as a Scaffold for Tissue Reconstruction", <u>Seminars in Cell Developmental Biology</u> , 13(5), (October 2002), 377-83	
		GABOUEV, A I., et al., "In Vitro Construction of Urinary Bladder Wall Using Porcine Primary Cells Reseeded on Acellularized Bladder Matrix and Small Intestinal Submucosa", <u>The International Journal of Artificial Organs</u> , 26(10), (October 2003), 935-42	
		GIROUARD, S. D., et al., "METHOD AND APPARATUS FOR DEVICE CONTROLLED GENE EXPRESSION", <u>US Patent Application Ser. No. 10/788,906</u> , filed February 27, 2004 (Attorney Docket No. 279.696US1), 80 Pages	
WB		GIROUARD, S. D., et al., "METHOD AND APPARATUS TO MODULATE CELLULAR REGENERATION POST MYOCARDIAL INFARCT", <u>US Patent Application Ser. No. 10/862716</u> , filed June 7, 2004 (Attorney Docket No. 279.697US1), 71 Pages	

EXAMINER /William Beisner/

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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WB ↓		HODDE, JASON P., et al., "Retention of Endothelial Cell Adherence to Porcine-Derived Extracellular Matrix After Disinfection and Sterilization", <u>Tissue Engineering</u> , 8(2), (April 2002),225-34	
		INGBER, DONALD E., "Mechanical Signaling and the Cellular Response to Extracellular Matrix in Angiogenesis and Cardiovascular Physiology", <u>Circulation Research</u> , 91(10), (November 15, 2002),877-87	
		KRUM, HENRY, "New and Emerging Pharmacological Strategies in the Management of Chronic Heart Failure", <u>Current Opinion in Pharmacology</u> , 1(2), (April 2001),126-33	
		MCPHERSON, T B., et al., "Galalpha(1,3)Gal Epitope in Porcine Small Intestinal Submucosa", <u>Tissue Engineering</u> , 6(3), (June 2000),133-9	
		MEEZAN, ELIAS, et al., "A Simple, Versatile, Nondisruptive Method for the Isolation of Morphologically and Chemically Pure Basement Membranes from Several Tissues", <u>Life Sciences</u> , 17(11), (December 1, 1974),1721-32	
		MICHAL, EUGENE T., et al., "METHODS AND COMPOSITIONS TO TREAT MYOCARDIAC CONDITIONS", <u>Application Serial No. 10/802,955</u> , Filed March 16, 2004 (Docket No. 5618.P3467X), 113 pgs.	
		SARIKAYA, AYDA, et al., "Antimicrobial Activity Associated With Extracellular Matrices", <u>Tissue Engineering</u> , 8(1), (February 2002),63-71	
		SHIMIZU, TATSUYA, et al., "Cell Sheet Engineering for Myocardial Tissue Reconstruction", <u>Biomaterials</u> , 24(13), (June 2003),2309-2316	
		SHIN, HEUNGSOO, et al., "Biomimetic Materials for Tissue Engineering", <u>Biomaterials</u> , 24(24), (November 2003),4353-64	
		STOCK, ULRICH A., et al., "Tissue Engineering: Current State and Prospects", <u>Annu. Rev Med.</u> , 52, (2001),443-51	
		TRAN, NGUYEN, et al., "Autologous Cell Transplantation and Cardiac Tissue Engineering: Potential Applications in Heart Failure", <u>Biorheology</u> , 40(1-3), (2003),411-15	
WB		ZHU, FANGYI, et al., "Purification, Characterization and Evaluation of Antibacterial Peptide from Resorbable Tissue Scaffold", <u>Abstracts of Papers American Chemical Society</u> , 224(1-2), (2002),BIOT 137	

EXAMINER

/William Beisner/

DATE CONSIDERED

09/22/2006

Substitute Disclosure Statement Form (PTO-1445)

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Examiner Name	Unknown

Sheet 1 of 2

Attorney Docket No: 279.597US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
WB	US-2002/0172663 A1	11/21/2002	Palasis, M. , et al.	01/23/2002
WB	US-2003/0087867 A1	05/08/2003	Vogels, R. V., et al.	08/19/2002

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s); publisher, city and/or country where published.	T*
WB		BURTON, D. Y., et al., "The Incorporation of an Ion Channel Gene Mutation Associated with the Long QT Syndrome (Q9E-hMiRPI) in a Plasmid Vector for Site-Specific Arrhythmia Gene Therapy: <i>In Vitro</i> and <i>In Vivo</i> Feasibility Studies", <u>Human Gene Therapy</u> , 14, (2003), 907-922	
		DEL MONTE, F. , et al., "Targeting Calcium Cycling Proteins in Heart Failure Through Gene Transfer", <u>The Journal of Physiology</u> , 546(1), (2002), 49-61	
		DONAHUE, J. K., et al., "Focal Modification of Electrical Conduction in the Heart by Viral Gene Transfer", <u>Nature Medicine</u> , 6(12), (2000), 1395-1398	
		HAMAWY, A. H., et al., "Cardiac Angiogenesis and Gene Therapy: A Strategy for Myocardial Revascularization", <u>Current Opinion in Cardiology</u> , 14, (1999), 515-522	
		HONG, Y. S., et al., "Localized Immunosuppression in the Cardia Allograft Induced by a New Liposome-Mediated IL-10 Gene Therapy", <u>The Journal of Heart and Lung Transplantation</u> , 21, (2002), 1188-1200	
		HUQ, F., et al., "Session 5: Cellular and Subcellular Basis of Remodeling - Modulating Signalling Pathways in Hypertrophy and Heart Failure by Gene Transfer", <u>Journal of Cardiac Failure</u> , 8(6)(Suppl.), (2002), S389-S400	
		JAYAKUMAR, MD, J., et al., "Gene Therapy for Myocardial Prevention - Transfection of Donor Hearts With Heat Shock Protein 70 Gene Protects Cardiac Function Against Ischemia-Reperfusion Therapy", <u>Circulation</u> , 102 (Suppl. III), (2000), III-302-III-306	
		KOCH, W. J., et al., "Gene Transfer of β -Adrenergic Signalling Components for Heart Failure", <u>Journal of Cardiac Failure</u> , 8(6) (Suppl.), (2002), S526-S531	
		KOZARSKY, K. F., "Gene Therapy for Cardiovascular Disease", <u>Current Opinion in Pharmacology</u> , 1, (2001), 197-202	
		LEE, L. Y., et al., "Exogenous Control of Cardiac Gene Therapy: Evidence of Regulated Myocardial Transgene Expression After Adenovirus and Adeno-Associated Virus Transfer of Expression Cassettes Containing Corticosteroid Response Element Promoters", <u>J Thorac Cardiovasc Surg</u> , 118, (1999), 26-35	
WB		LIN, H., "Specific Region of the c-myc Promoter is Responsive to Electric and Magnetic Fields", <u>Journal of Cellular Biochemistry</u> , 54, (1994), 281-288	

EXAMINER

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Substitute Disclosure Statement Form (PTO-1449)

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WB		LIN, H., "Regulating Genes with Electromagnetic Response Elements", <u>Journal of Cellular Biochemistry</u> , 81, (2001), 143-148	
		MACNEILL, MD, B. D., et al., "Targeting Signaling Pathways in Heart Failure by Gene Transfer", <u>Current Atherosclerosis Reports</u> , 5, (2003), 178-185	
		MARBAN, E., et al., "Gene Therapy for Cardiac Arrhythmias", <u>Cold Spring Harbor Symposia on Quantitative Biology</u> , Vol. LXVII - The Cardiovascular System, Published by Cold Spring Harbor Laboratory Press, (2002), 527-531	
		NUSS, H. B., et al., "Reversal of Potassium Channel Deficiency in Cells from Failing Hearts by Adenoviral Gene Transfer: A Prototype for Gene Therapy for Disorders of Cardiac Excitability and Contractility", <u>Gene Therapy</u> , 3, (1996), 900-912	
		RADISIC, M., "From the Cover: Functional Assembly of Engineered Myocardium by Electrical Stimulation of Cardiac Myocytes Cultured on Scaffolds", <u>Proc Natl Acad Sci U S A</u> , 101(52), (December 28, 2004), 18129-18134	
		ROSS, JEFFREY, "EPICARDIAL PATCH INCLUDING ISOLATED EXTRACELLULAR MATRIX WITH PACING ELECTRODES", <u>Application Serial No. 11/017,627</u> , filed December 20, 2004 (Attorney Docket No. 279.759US1), 87 pgs.	
		ROSS, JEFFREY, et al., "USE OF EXTRACELLULAR MATRIX AND ELECTRICAL THERAPY", <u>Application Serial No. 11/017,237</u> , filed December 20, 2004 (Attorney Docket No. 279.760US1), 89 pgs.	
		RUBENSTRUNK, A., "Transcriptional Activation of the Metallothionein I Gene by Electric Pulses <i>in vivo</i> : Basis for the Development of a New Gene Switch System", <u>The Journal of Gene Medicine</u> , 5, (2003), 773-783	
		RUTANEN, J., et al., "Progress and Prospects - Post-Intervention Vessel Remodeling", <u>Gene Therapy</u> , 9, (2002), 1487-1491	
		SIH, HARRIS J., "IMPLANTABLE MEDICAL DEVICES COMPRISING ISOLATED EXTRACELLULAR MATRIX", <u>Application Serial No. 11/017,432</u> , filed December 20, 2004 (Attorney Docket No. 279.806US1), 87 pgs.	
		WALTHER, W., et al., "Cell Type Specific and Inducible Promoters for Vectors in Gene Therapy as an Approach for Cell Targeting", <u>Journal of Molecular Medicine</u> , 74, (1996), 379-392	
		WATTANAPITAYAKUL, S. K., et al., "Recent Developments in Gene Therapy for Cardiac Disease", <u>Biomedical & Pharmacotherapy</u> , 54, (2000), 487-504	
		WESTLUND, RANDY, "LEAD ELECTRODE INCORPORATING EXTRACELLULAR MATRIX", <u>Application Serial No. 11/017,238</u> , filed December 20, 2004 (Attorney Docket No. 279.811US1), 85 pgs.	
WB		WYMAN, T., et al., "Promoter-Activated Expression of Nerve Growth Factor for Treatment of Neurodegenerative Diseases", <u>Gene Therapy</u> , 6, (1999), 1648-1660	

EXAMINER

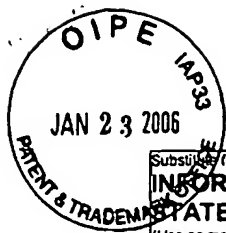
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Application Number	10/722,115
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First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 1 of 7

Attorney Docket No: 279.597US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
WB	US-2002/0022022	02/21/2002	Shi, Yi, et al.	05/21/2001
	US-2002/0049154A1	04/25/2002	Grissom, C. B., et al.	10/22/2001
	US-2002/0065243A1	05/30/2002	Fung, Yuen K., et al.	01/18/2002
	US-2002/0072785A1	06/13/2002	Nelson, Chester G., et al.	02/07/2002
	US-2002/0110910	08/15/2002	Gwathmey, Judith K., et al.	11/21/2001
	US-2002/0147329	10/10/2002	Luyten, Frank P., et al.	12/19/2001
	US-2002/0183720A1	12/05/2002	Hill, I. P., et al.	05/10/2002
	US-2003/0040777A1	02/27/2003	Shemer, I., et al.	04/03/2002
	US-2003/0044802A1	03/06/2003	Sayler, Gary S., et al.	09/06/2001
	US-2003/0059463A1	03/27/2003	Lahtinen, Mika	09/24/2002
	US-2003/0060854	03/27/2003	Zhu, Qingsheng	09/25/2001
	US-2003/0073235A1	04/17/2003	Lagarias, John C., et al.	05/29/2002
	US-2003/0082148A1	05/01/2003	Ludwig, Florian, et al.	10/31/2002
	US-2003/0104568A1	06/05/2003	Lee, Randall J.	11/07/2002
	US-2003/0105493	06/05/2003	Salo, Rodney W.	12/05/2001
	US-2003/0113303A1	06/19/2003	Schwartz, Yitzhack	10/28/2002
	US-2003/0125615A1	07/03/2003	Schwartz, Yitzhack	10/28/2002
	US-2003/0129750A1	07/10/2003	Schwartz, Yitzhack	10/28/2002
	US-2003/0130581A1	07/10/2003	Salo, R., et al.	01/04/2002
	US-2003/0144702	07/31/2003	Yu, Yinghong, et al.	12/09/2002
	US-2003/0144703	07/31/2003	Yu, Yinghong, et al.	12/09/2002
	US-2003/0148351	08/07/2003	Henry, Stephen P., et al.	12/13/2002
	US-2003/0148968A1	08/07/2003	Hammond, H. K., et al.	05/03/2001
	US-2003/0171723A1	09/11/2003	Ponzi, Dean M.	04/16/2003
	US-2003/0195470A1	10/16/2003	Ponzi, Dean M.	05/02/2003
	US-2003/0204206A1	10/30/2003	Padua, R. A., et al.	12/20/2001
	US-2003/0211130A1	11/13/2003	Sanders, Joan E., et al.	02/24/2003
	US-2003/0216476	11/20/2003	Kleemann, Heinz-Werner	05/05/2003
	US-2004/0018174A1	01/29/2004	Palasis, Maria	07/18/2003
	US-2004/0038400A1	02/26/2004	Froehlich, Allan C., et al.	08/26/2002
	US-2004/0048286A1	03/11/2004	Lee, Richard R.	05/09/2003
	US-2004/0087019A1	05/06/2004	Orhan, Soykan, et al.	10/24/2003
	US-2004/0098075A1	05/20/2004	Lee, Randall J.	02/24/2003
	US-2004/0131601A1	07/08/2004	Epstein, Stephen, et al.	07/10/2003
	US-2004/0132184A1	07/08/2004	Dennis, Robert G., et al.	09/16/2003
	US-2004/0158289A1	08/12/2004	Girouard, Steven D., et al.	11/25/2003
	US-2004/0158290	08/12/2004	Girouard, Steven D., et al.	11/25/2003
	US-2004/0161421A1	08/19/2004	Komowski, Ran, et al.	02/10/2004
	US-2004/0213770A1	10/28/2004	Seward, Kirk P., et al.	04/21/2004
WB	US-2004/0214182A1	10/28/2004	Sharma, Vinod, et al.	04/25/2003

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Examiner Name	Unknown

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Attorney Docket No: 279.597US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
WB	US-2004/0215251A1	10/28/2004	Sharma, Vinod , et al.	04/25/2003
	US-2004/0253209A1	12/16/2004	Orhan, Soykan , et al.	04/14/2004
	US-2005/0005923A1	01/13/2005	Herrin, Ronald J.	07/11/2003
	US-2005/0008628A1	01/13/2005	Feld, Yair , et al.	08/17/2004
	US-2005/0010492A1	01/24/2002	Donovan, Maura G., et al.	03/05/2001
	US-2005/0013870A1	01/20/2005	Freyman, Toby , et al.	07/17/2003
	US-2005/0021091A1	01/27/2005	Laske, Timothy G., et al.	03/11/2004
	US-2005/0025752A1	02/03/2005	Kutryk, Michael , et al.	04/30/2004
	US-2005/0043675A1	02/24/2005	Pastore, J. M., et al.	08/21/2003
	US-2005/0059153A1	03/17/2005	George, Frank R., et al.	01/16/2004
	US-2005/0059999A1	03/17/2005	Mongeon, Luc R., et al.	09/15/2003
	US-2005/0096701A1	05/05/2005	Donovan, Maura G., et al.	08/13/2004
	US-2005/0112759A1	05/26/2005	Radisic, Milica , et al.	06/21/2004
	US-2005/0118144A1	06/02/2005	Zhang, Jianyi	06/23/2004
	US-2005/0130136A1	06/16/2005	Lee, Richard T.	11/08/2001
	US-2005/0137626A1	06/23/2005	Pastore, J. M., et al.	12/19/2003
	US-2005/0137631	06/23/2005	Yu, Yinghong , et al.	12/22/2003
	US-2005/0137671A1	06/23/2005	Liu, Lili , et al.	12/23/2003
	US-2005/0192637	09/01/2005	Girouard, Steven D., et al.	02/27/2004
	US-2005/0192637A1	09/01/2005	Girouard, S. D., et al.	02/27/2004
	US-2005/0288721A1	12/29/2005	Girouard, S. D., et al.	06/07/2004
	US-5,025,786	06/25/1991	Siegel, Sharon B.	07/21/1988
	US-5,103,821	04/14/1992	King, W. L.	11/30/1990
	US-5,130,141	07/14/1992	Law, Peter K., et al.	05/30/1991
	US-5,259,380	11/09/1993	Mendes, Emanuel , et al.	11/15/1990
	US-5,486,359	01/23/1996	Caplan, Arnold I., et al.	02/08/1994
	US-5,543,318	08/06/1996	Smith, David A., et al.	09/21/1995
	US-5,571,151	11/05/1996	Gregory, Kenton W.	10/25/1994
	US-5,580,779	12/03/1996	Smith, David A., et al.	04/04/1995
	US-5,610,172	03/11/1997	Weidmann, Klaus , et al.	03/24/1995
	US-5,834,029	11/10/1998	Bellamkonda, Ravi , et al.	07/20/1994
	US-5,855,610	01/05/1999	Vacanti, Joseph P., et al.	05/19/1995
	US-5,865,787	02/02/1999	Shapland, James E., et al.	09/13/1996
	US-5,873,904	02/23/1999	Ragheb, Anthony O., et al.	02/24/1997
	US-6,005,009	12/21/1999	Murad, Saood , et al.	03/20/1997
	US-6,059,726	05/09/2000	Lee, Randall J., et al.	09/23/1997
	US-6,083,930	07/04/2000	Roufa, Dikla , et al.	06/06/1995
	US-6,090,622	07/18/2000	Gearhart, John D., et al.	03/31/1997
	US-6,096,070	08/01/2000	Ragheb, Anthony O., et al.	05/16/1996
WB	US-6,151,525	11/21/2000	Soykan, Orhan , et al.	09/02/1998

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Application Number	10/722,115
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Sheet 3 of 7

Attorney Docket No: 279.597US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
WB	US-6,156,572	12/05/2000	Bellamkonda, Ravi , et al.	09/25/1998
	US-6,165,164	12/26/2000	Hill, Irma P., et al.	03/29/1999
	US-6,199,554	09/19/2000	Plankenhorn, Wolfgang	07/11/1997
	US-6,245,566	06/12/2001	Gearhart, John D., et al.	03/31/1998
	US-6,428,802	08/06/2002	Atala, Anthony	12/29/1999
	US-6,436,672	08/20/2002	Tomlinson, James E.	12/29/1999
	US-6,468,985	10/22/2002	Huang, Shi	03/17/2000
	US-6,540,725	04/01/2003	Ponzi, Dean M.	11/09/2000
	US-6,575,931	06/10/2003	Ponzi, Dean M.	05/01/2000
	US-6,592,623	07/15/2003	Bowlin, Gary L., et al.	08/31/1999
	US-6,596,745	07/22/2003	Gall, Martin	05/30/2002
	US-6,610,716	08/26/2003	Wagle, Dilip R., et al.	07/13/2001
	US-6,623,473	09/23/2003	Ponzi, Dean M.	05/01/2000
	US-6,623,474	09/23/2003	Ponzi, Dean M.	05/01/2000
	US-6,660,737	12/09/2003	Almstead, Ji-In K., et al.	04/29/2002
	US-6,666,826	12/23/2003	Salo, R., et al.	01/04/2002
	US-6,671,558	12/30/2003	Soykan, Orhan , et al.	11/03/2000
	US-6,690,970	02/10/2004	Taheri, Syde A., et al.	10/06/2000
	US-6,702,777	03/09/2004	Haim, Shlomo B., et al.	07/12/2001
	US-6,733,996	05/11/2004	Froehlich, Allan C., et al.	08/26/2002
	US-6,759,236	07/06/2004	Fung, Yuen K., et al.	08/17/1999
	US-6,775,574	08/10/2004	Soykan, Orhan , et al.	09/01/2000
↓	US-6,801,805	10/05/2004	Stokes, Kenneth B., et al.	07/02/2001
	US-6,810,286	10/26/2004	Donovan, M. G., et al.	03/05/2001
WB	US-6,855,124	02/15/2005	Gonzalez, Fernando , et al.	10/02/2002
	US-6,875,286	04/05/2005	Ponzi, Dean M.	03/31/2003
WB	US-6,902,522	06/07/2005	Walsh, Robert G., et al.	06/12/2000
WB	US-6,905,476	06/14/2005	Ponzi, Dean M.	01/13/2003
WB	US-6,919,207	07/19/2005	Goodman, Reba , et al.	01/25/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
WB	WO-0249714A2	06/27/2002	Schu, Carl A., et al.	
	WO-04016200	02/26/2004	Pavcnik, Dusan , et al.	
	WO-04080533A1	09/23/2004	Mika, Y., et al.	
	WO-04093969A1	11/04/2004	Laske, T. G., et al.	
↓	WO-05084751A2	09/15/2005	Girouard, S. D., et al.	
	WO-2005084751A3	09/15/2005	Girouard, S. D., et al.	
WB	WO-2005120635A1	12/22/2005	Girouard, S. D., et al.	

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Group Art Unit	1744
Examiner Name	Unknown

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
WB	WO-9925385A1	05/27/1999	Unger, E C., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WB		AKIYAMA-UCHIDA, Y., et al., "Norepinephrine enhances fibrosis mediated by TGF-beta in cardiac fibroblasts", <u>Hypertension</u> , 40(2), (Aug., 2002),148-54	
		AUKRUST, PAL, et al., "Immunomodulating Therapy: New Treatment Modality in Congestive Heart Failure", <u>Congest Heart Fail.</u> , 9(2), (Mar.-Apr., 2003),64-69	
		BIGATEL, D. A., et al., "The matrix metalloproteinase inhibitor BB-94 limits expansion of experimental abdominal aortic aneurysms", <u>J Vasc Surg</u> , 29(1), (1999),130-8	
		BUCHWALD, A B., et al., "Decoy Oligodeoxynucleotide Against Activator Protein-1 Reduces Neointimal Proliferation After Coronary Angioplasty in Hypercholesterolemic Minipigs", <u>Journal of the American College of Cardiology</u> , 39 (4), (Feb. 20, 2002),732-738	
		CAPECCHI, M. R., "High efficiency transformation by direct microinjection of DNA into cultured mammalian cells.", <u>Cell</u> , 22(2 Pt 2), (Nov., 1980),479-88	
		CHU, G., "SV40 DNA transfection of cells in suspension: analysis of efficiency of transcription and translation of T-antigen.", <u>Gene</u> , 13(2), (Mar., 1981),197-202	
		COLUCCI, WILSON S., "Molecular and Cellular Mechanisms of Myocardial Failure", <u>Am J Cardiol</u> 80(11A), (1997),15L-25L	
		CSEJESI, P., "Myogenin induces the myocyte-specific enhancer binding factor MEF-2 independently of other muscle-specific gene products", <u>Mol Cell Biol</u> , 11(10), (Oct., 1991),4854-62	
		CURIEL, D. T., et al., "Adenovirus enhancement of transferrin-polylysine-mediated gene delivery", <u>Proc Natl Acad Sci USA</u> , 88(19), (Oct. 1, 1991),8850-4	
		DAUM, DOUGLAS R., "SYSTEMS AND METHODS FOR HYPOTENSION", <u>Application Serial No. 11/141,260, filed May 31, 2005, Attorney Docket No. 279.968us1, 51 pages</u>	
		DHAWAN, J., "Tetracycline-regulated gene expression following direct gene transfer into mouse skeletal muscle", <u>Somat Cell Mol Genet.</u> , 21(4), (1995),233-40	
		ECKARDT, LARS, et al., "Load-induced changes in repolarization: evidence from experimental and clinical data", <u>Basic Res Cardiol</u> , 96(4), (2001),369-380	
		FELGNER, P. L., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure", <u>Proceedings of the National Academy of Sciences</u> , 84, Biochemistry, (Nov. 1987),pp. 7413-7417	
WB		GRAHAM, F. L., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA", <u>Virology</u> , 52, (1973),456-467	

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/William Beisner/

DATE CONSIDERED

09/22/2006

Substitute Disclosure Statement Form (PTO-1449)

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OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WB		HAFIZI, S. , et al., "Inhibition of human cardiac fibroblast mitogenesis by blockade of mitogen-activated protein kinase and phosphatidylinositol 3-kinase.", <u>Cir Exp Pharma Physiol</u> , 26(7), (July, 1999),511-3	
		HAMMOND, H. K., et al., "Regional myocardial downregulation of the inhibitory guanosine triphosphate-binding protein (Gi alpha 2) and beta-adrenergic receptors in a porcine model of chronic episodic myocardial ischemia", <u>J Clin Res</u> , 92(6), (1993),2644-52	
		HIGASHI, T. , et al., "Pharmacological characterization of endothelin-induced rat pulmonary arterial dilatation", <u>Br J Pharmacol</u> , 121(4), (1997),782-6	
		JOHNSON, J. E., "Muscle creatine kinase sequence elements regulating skeletal and cardiac muscle expression in transgenic mice", <u>Mol Cell Biol.</u> , 9(8), (1989),3393-9	
		JUGDUTT, BODH I., "Remodeling of the Myocardium and Potential Targets in the Collagen Degradation and Synthesis Pathways", <u>Current Drug Targets Cardiovascular & Haematological Disorders</u> , 3, (2003),1-30	
		KIBA, A. , et al., "VEGFR-2-specific ligand VEGF-E induces non-edematous hyper-vascularization in mice.", <u>Biochem Biophys Res Commun.</u> , 301(2), (Feb. 7, 2003),371-7	
		KLEIN, T. M., "High-Velocity Microprojectiles for Delivering Nucleic Acids into Living Cells", <u>Nature</u> , 327, (1987),70-73	
		KODAMA, I. , et al., "Cellular electropharmacology of amiodarone.", <u>Cardiovas Res</u> , 35(1), (1997),13-29	
		LIJNEN, P. J., et al., "Induction of Cardiac Fibrosis by Transforming Growth Factor-B1", <u>Molecular Genetics and Metabolism</u> , 71, (2000),418-435	
		MACKENNA, DEIDRE , et al., "Role of mechanical factors in modulating cardiac fibroblast function and extracellular matrix synthesis", <u>Cardiovascular Research</u> , 46, (2000),257-263	
		MADER, S. , "A steroid-inducible promoter for the controlled overexpression of cloned genes in eukaryotic cells", <u>Proc Natl Acad Sci USA</u> , 90(12), (1993),5603-7	
		MANNINO, R. J., "Liposome mediated gene transfer.", <u>BioTechniques</u> , 6(7), (Jul.-Aug., 1988),682-90	
		MUSCAT, G. E., "Multiple 5'-flanking regions of the human alpha-skeletal actin gene synergistically modulate muscle-specific expression", <u>Mol Cell Biol</u> , 7(11), (1987),4089-99	
✓		PALERMO, J. , "Transgenic remodeling of the contractile apparatus in the mammalian heart", <u>Circ Res</u> , 78(3), (1996),504-9	
WB		PASTORE, JOSEPH M., et al., "METHOD AND APPARATUS FOR DEVICE CONTROLLED GENE EXPRESSION FOR CARDIAC PROTECTION", <u>US Patent Application Ser. No. 11/220,397</u> , filed September 6, 2005 (Attorney Docket No. 2279.955us1), 68 Pgs.	

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Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Sheet 6 of 7

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WB		PATBERG, KORNELIS W., "Cardiac Memory Is Associated With Decreased Levels of the Transcriptional Factor CREB Modulated by Angiotensin II and Calcium", <u>Circulation Research</u> , Vol. 93, (2003),472-478	
		POULEUR, H. , et al., "Changes in plasma renin activity and haemodynamics during vasodilator therapy in conscious dogs with myocardial infarction or chronic volume overload.", <u>Eur J Clin Invest</u> , 13(4), (1983),331-8.	
		POUZET, B. , "Intramyocardial transplantation of autologous myoblasts: can tissue processing be optimized?", <u>Circulation</u> , 102(19 Suppl 3), (2000),III210-5	
		RINSCH, C. , et al., "Delivery of FGF-2 but not VEGF by encapsulated genetically engineered myoblasts improves survival and vascularization in a model of acute skin flap ischemia", <u>Gene Therapy</u> , 8, (2001),523-533	
		ROTH, D. A., et al., "Downregulation of cardiac guanosine 5'-triphosphate-binding proteins in right atrium and left ventricle in pacing-induced congestive heart failure", <u>J Clin Invest.</u> , 91(3), (Mar., 1993),939-49	
		SAM, FLORA , et al., "Role of Endothelin-1 in Myocardial Failure", <u>Proceedings of the Association of American Physicians</u> , 111(5), (1999),417-422	
		SEMENZA, G. L., "Hypoxia-inducible nuclear factors bind to an enhancer element located 3' to the human erythropoietin gen", <u>Proc Natl Acad Sci USA</u> , 88(13), (1991),5680-4	
		SEMENZA, G. L., "Transcriptional regulation of genes encoding glycolytic enzymes by hypoxia-inducible factor 1", <u>J Biol Chem</u> , 269(38), (1994),23757-63	
		SHIGEKAWA, K. , "Electroporation of Eukaryotes and Prokaryotes: A General Approach to the Introduction of Macromolecules into Cells", <u>BioTechniques</u> , 6, (1988),742-751	
		SHOCKETT, P. , "A modified tetracycline-regulated system provides autoregulatory, inducible gene expression in cultured cells and transgenic mice", <u>Proc Natl Acad Sci USA</u> , 92(14), (1995),6522-6	
		SUKENAGA, Y. , et al., "Development of the chymase inhibitor as an anti-tissue-remodeling drug: myocardial infarction and some other possibilities", <u>Jap J Pharmacol</u> , 90(3), (2002),218-22	
		TAYLOR, D. A., et al., "Delivery of primary autologous skeletal myoblasts into rabbit heart by coronary infusion: a potential approach to myocardial repair", <u>Proc Assoc Am Phys</u> , 109(3), (May, 1997),245-53	
		VILLARREAL, F. J., et al., "Human cardiac fibroblasts and receptors for angiotensin II and bradykinin: A potential role for bradykinin in the modulation of cardiac extracellular matrix", <u>Basic research in cardiology</u> , 93 Supp 3, (1998),s004 - s007	
↓		WALTER, DIRK H., et al., "Endothelial progenitor cells: regulation and contribution to adult neovascularization", <u>Herz</u> , 27(7), (2002),579-588	
WB		WEINTRAUB, H. , "The myoD gene family: nodal point during specification of the muscle cell lineage", <u>Science</u> , 251(4995), (Feb. 15, 1991),761-6	

EXAMINER

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Examiner Name	Unknown

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OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

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WB		YAGI, A. , et al., "Anti-inflammatory constituents, aloesin and aloemannan in Aloe species and effects of tanshinon VI in Salvia miltiorrhiza on heart", <u>J Pharm Soc Japan</u> , 123(7), (July, 2003),517-32	
WB		ZIMMERMANN, W. H., et al., "Tissue engineering of a differentiated cardiac muscle construct", <u>Circulation Res.</u> , 90(2), (2002),223-30	
WB		ZOU, Y. , et al., "Heat Shock Transcription Factor 1 Protects Cardiomyocytes From Ischemia/Reperfusion Injury", <u>Circulation</u> , 108 (24) ISSN: 1524-4539 XP002345863, (12/16/2003),3024-3030	

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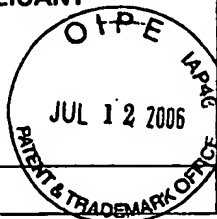
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Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1651
Examiner Name	Afremova, Vera

Sheet 1 of 2

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US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
WB	US-20020155101A1	10/24/2002	Donahue, J. K., et al.	09/06/2001
↓	US-20020183686A1	12/05/2002	Darvish, N., et al.	06/17/2002
↓	US-20040030379A1	02/12/2004	Hamm, M. A., et al.	05/02/2003
↓	US-20050283197A1	12/22/2005	Daum, D. R., et al.	05/31/2005
↓	US-20060134071A1	06/22/2006	Ross, J., et al.	12/20/2004
↓	US-20060134079A1	06/22/2006	Sih, H. J., et al.	12/20/2004
↓	US-20060136027A1	06/22/2006	Westlund, R., et al.	12/20/2004
↓	US-20060136028A1	06/22/2006	Ross, J., et al.	12/20/2004
↓	US-5,312,453	05/17/1994	Shelton, M. B., et al.	05/11/1992
↓	US-5,314,430	05/24/1994	Bardy, Gust H.	06/24/1993
WB	US-7,039,462	05/02/2006	Pastore, J. M., et al.	06/14/2002

FOREIGN PATENT DOCUMENTS

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WB		"COOK SIS Technology: Scientific Information: Clinical References", http://www.cooksis.com/sci/ref1.html , (2004), 4 pgs.	
↓		"COOK SIS Technology: Scientific Information: Safety", http://www.cooksis.com/sci/tech3.html , (2004), 2 pgs.	
↓		"COOK SIS Technology: Scientific Information: Tissue Repair: Challenges & Complications", http://www.cooksis.com/sci/tech.html , (2004), 2 pgs.	
↓		BADER, A., et al., "Tissue engineering of heart valves A? human endothelial cell seeding of detergent acellularized porcine valves", <i>Eur J Cardiothorac Surg</i> , 14(3), (Sept., 1998), 279-84	
↓		BELL, E., <i>Tissue Engineering: Current Perspectives</i> , Burkhauser Publishers, Cambridge, MA, (1993), 179-189	
↓		BOVENBERG, W. A., et al., "Expression of recombinant human insulin-like growth factor I in mammalian cells", <i>Mol Cell Endocrinol.</i> , 74(1), (Nov. 12, 1990), 45-59.	
↓		COURTMAN, D. W., et al., "Development of a pericardial acellular matrix biomaterial: Biochemical and mechanical effects of cell extraction", <i>J Biomed Mater Res.</i> , 28(6), (1994), 655-66	
WB		CURTIL, A., et al., "Freeze Drying of Cardiac Valves in Preparation for Cellular Repopulation", <i>Cryobiology</i> , 34(1), (Feb., 1997), 13-22	

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Group Art Unit	1651
Examiner Name	Afremova, Vera

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WB		MACGOWAN, G. A., et al., "New molecular insights into heart failure and cardiomyopathy: potential strategies and therapies", <u>Ir J Med Sci.</u> , 171(2), (Apr.-Jun., 2002),99-104	
WB		RECER, P. , "Researchers find first heart attack gene", <u>AP Science News</u> , <u>Science: www.science.org</u> , (2003),	
WB		WANG, G. L., et al., "Molecular basis of hypoxia-induced erythropoietin expression", <u>Curr Opin Hematol.</u> , 3(2), (Mar., 1996),156-62	
WB		WANG, L. , et al., "Mutation of MEF2A in an inherited disorder with features of coronary artery disea", <u>Science</u> , 302(5650), (Nov. 28, 2003),1578-81	
WB		WURM, F. M., et al., "Inducible overproduction of the mouse c-myc protein in mammalian cells", <u>Proc Natl Acad Sci U S A.</u> , 83(15), (Aug., 1986),5414-8	

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